

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product form : Mixture
Product name : 2WORK WASHING UP LIQUID LEMON
Product code : 2W76013
Type of product : Detergent
Product group : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only
Use of the substance/mixture : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

EVO GLOBAL HOLDINGS LIMITED

Newland House, Unit 2,
Express Way, Tuscany Park

Normanton

UK

WF6 2TZ

info@evo-group.co.uk

Units 5&6 Grants Drive
Greenogue Business Park
Rathcoole
Dublin
Ireland
D24 W56C

1.4. Emergency telephone number

| Country | Official advisory body | Address | Emergency number | Comment |
|----------------|--|--|--|---------|
| Ireland | National Poisons Information Centre Beaumont Hospital | PO Box 1297 Beaumont Road 9 Dublin | +353 1 809 2566 (Healthcare professionals- 24/7) +353 1 809 2166 (public, 8am - 10pm, 7/7) | |
| United Kingdom | National Poisons Information Service (Birmingham Centre) City Hospital | Dudley Road B18 7QH Birmingham | 0344 892 0111 | |

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Irrit. 2 H315

Eye Dam. 1 H318

Full text of hazard classes and H-statements : see section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS05

CLP Signal word : Danger

Hazardous ingredients : Sodium dodecylbenzenesulfonate; Alcohols, ethoxylated, sulfates, sodium salts; 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts

Hazard statements (CLP) : H315 - Causes skin irritation.
H318 - Causes serious eye damage.

2WORK WASHING UP LIQUID LEMON

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

| | |
|--------------------------------|---|
| Precautionary statements (CLP) | : P102 - Keep out of reach of children. P264 - Wash hands thoroughly after handling. P280 - Wear protective gloves, eye protection. P302+P352 - IF ON SKIN: Wash with plenty of water. P332+P313 - If skin irritation occurs: Get medical advice/attention. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 - If eye irritation persists: Get medical advice/attention. |
| EUH-statements | : EUH208 - Contains 1,2-benzisothiazol-3(2H)-one (BIT). May produce an allergic reaction. |

2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII

This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

| Name | Product identifier | % | Classification according to Regulation (EC) No. 1272/2008 [CLP] |
|--|--|---------|--|
| Sodium dodecylbenzenesulfonate | (CAS-no) 25155-30-0 (Einecs nr) 246-680-4 (EG annex nr) / (REACH-no) 01-2119565112-48 | 10 – 30 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 |
| Alcohols, ethoxylated, sulfates, sodium salts | (CAS-no) 68891-38-3 (Einecs nr) 500-234-8 (REACH-no) 01-2119488639-16 | 1 – 3 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts | (CAS-no) 61789-40-0; 97862-59-4 (Einecs nr) 263-058-8 (REACH-no) 01-2119488533-30 | 1 – 3 | Eye Dam. 1, H318 Aquatic Chronic 3, H412 |
| 1,2-benzisothiazol-3(2H)-one (BIT) | (CAS-no) 2634-33-5 (Einecs nr) 220-120-9 (EG annex nr) 613-088-00-6 (REACH-no) 01-2120761540-60 | < 0.1 | Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400 (M=10) |

Specific concentration limits:

| Name | Product identifier | Specific concentration limits |
|--|--|--|
| Alcohols, ethoxylated, sulfates, sodium salts | (CAS-no) 68891-38-3 (Einecs nr) 500-234-8 (REACH-no) 01-2119488639-16 | (5 ≤C < 10) Eye Irrit. 2, H319 (10 ≤C < 100) Eye Dam. 1, H318 |
| 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts | (CAS-no) 61789-40-0; 97862-59-4 (Einecs nr) 263-058-8 (REACH-no) 01-2119488533-30 | (4 <C ≤ 10) Eye Irrit. 2, H319 (10 <C ≤ 100) Eye Dam. 1, H318 |
| 1,2-benzisothiazol-3(2H)-one (BIT) | (CAS-no) 2634-33-5 (Einecs nr) 220-120-9 (EG annex nr) 613-088-00-6 (REACH-no) 01-2120761540-60 | (0.05 ≤C < 100) Skin Sens. 1, H317 |

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------|---|
| General advice | : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). |
| Inhalation | : Allow affected person to breathe fresh air. Allow the victim to rest. |
| Skin contact | : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. |
| Eye contact | : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Ingestion | : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. |

4.2. Most important symptoms and effects, both acute and delayed

| | |
|--------------------|---------------------------------------|
| Acute effects skin | : Causes skin irritation. Red skin. |
| Acute effects eyes | : Causes serious eye damage. Redness. |

2WORK WASHING UP LIQUID LEMON

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Acute effects oral route : May cause irritation to the digestive tract.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Toxic fumes may be released. Carbon dioxide. Carbon monoxide.

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands, forearms and face thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container tightly closed.

Packaging materials : polyethylene. stainless steel.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

Personal protective equipment:

Avoid all unnecessary exposure.

| |
|-------------------------|
| Hand protection: |
| Wear protective gloves. |

| |
|------------------------------------|
| Eye protection: |
| Chemical goggles or safety glasses |

Other information:

Do not eat, drink or smoke during use.

2WORK WASHING UP LIQUID LEMON

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|-------------------------|
| Physical state | : Liquid |
| Physical state/form | : Liquid. |
| Colour | : light yellow. |
| Odour | : lemon. Citrus fruits. |
| Odour threshold | : No data available |
| pH | : 9 – 9.5 |
| Relative evaporation rate (butylacetate=1) | : No data available |
| Melting point/range | : 0 °C |
| Freezing point | : No data available |
| Boiling point/Boiling range | : 100 °C |
| Flash point | : No data available |
| Autoignition temperature | : No data available |
| Decomposition temperature | : No data available |
| Flammability (solid, gas) | : Non flammable. |
| Vapour pressure | : No data available |
| Relative vapour density at 20 °C | : No data available |
| Relative density | : 1.03 |
| Solubility | : Soluble in water. |
| Log Pow | : No data available |
| Viscosity, kinematic | : No data available |
| Viscosity, dynamic | : 800 cP at 20 °C |
| Explosive properties | : No data available |
| Oxidising properties | : No data available |
| Explosive limits | : No data available |

9.2. Other information

| | |
|-------------|---------|
| VOC content | : 0 g/l |
|-------------|---------|

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|-----------------------------|------------------|
| Acute toxicity (oral) | : Not classified |
| Acute toxicity (dermal) | : Not classified |
| Acute toxicity (inhalation) | : Not classified |

Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)

| | |
|-----------------|-----------------------|
| LD50 oral rat | > 4100 mg/kg OCDE 401 |
| LD50 dermal rat | > 2000 mg/kg OCDE 402 |

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (61789-40-0; 97862-59-4)

| | |
|-----------------|--------------|
| LD50 oral rat | 2335 mg/kg |
| LD50 dermal rat | > 2000 mg/kg |
| ATE CLP (oral) | 2335 mg/kg |

2WORK WASHING UP LIQUID LEMON

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

| | |
|------------------|-----------------------|
| LD50 oral | 490 mg/kg bodyweight |
| LD50 dermal rat | 2000 mg/kg bodyweight |
| ATE CLP (oral) | 670 mg/kg bodyweight |
| ATE CLP (dermal) | 5000 mg/kg bodyweight |

| | |
|---|---|
| Skin corrosion/irritation | : Causes skin irritation. pH: 9 – 9.5 |
| Serious eye damage/irritation | : Causes serious eye damage. pH: 9 – 9.5 |
| Respiratory or skin sensitisation | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Germ cell mutagenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Carcinogenicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Reproductive toxicity | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-single exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| STOT-repeated exposure | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Aspiration hazard | : Not classified |
| Additional information | : Based on available data, the classification criteria are not met |
| Potential adverse human health effects and symptoms | : Based on available data, the classification criteria are not met. |

SECTION 12: Ecological information

12.1. Toxicity

| | |
|---|------------------|
| Hazardous to the aquatic environment, short-term (acute) | : Not classified |
| Hazardous to the aquatic environment, long-term (chronic) | : Not classified |

Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)

| | |
|--------------------|--|
| LC50 fish 1 | 7.1 mg/l OECD 203 |
| EC50 Daphnia 1 | 7.4 mg/l OECD 202 Daphnia sp.Acute Immobilization Test and Reproduction Test |
| EC50 72h algae (1) | 27.7 mg/l |
| ErC50 (algae) | 27.7 mg/l OECD 201 Alga, Growth Inhibition Test |
| NOEC chronic algae | 0.95 mg/l OECD 201 Alga, Growth Inhibition Test |

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (61789-40-0; 97862-59-4)

| | |
|----------------|------------|
| LC50 fish 1 | 1.11 mg/l |
| EC50 Daphnia 1 | 1.9 mg/l |
| ErC50 (algae) | 2.4 mg/l |
| NOEC (chronic) | 0.135 mg/l |

2WORK WASHING UP LIQUID LEMON

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

1,2-benzisothiazol-3(2H)-one (BIT) (2634-33-5)

| | |
|------------------------|------------|
| LC50 fish 1 | 1.3 mg/l |
| EC50 Daphnia 1 | 2.94 mg/l |
| ErC50 (algae) | 0.084 mg/l |
| NOEC chronic fish | 0.74 mg/l |
| NOEC chronic crustacea | 0.7 mg/l |
| NOEC chronic algae | 0.043 mg/l |

12.2. Persistence and degradability

CITROL

| | |
|-------------------------------|---|
| Persistence and degradability | Biodegradable. The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. |
|-------------------------------|---|

Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3)

| | |
|-------------------------------|----------------|
| Persistence and degradability | Biodegradable. |
|-------------------------------|----------------|

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (61789-40-0; 97862-59-4)

| | |
|----------------|-------------------|
| Biodegradation | 91.6 % OECD 301 B |
|----------------|-------------------|

12.3. Bioaccumulative potential

CITROL

| | |
|---------------------------|---------------------|
| Bioaccumulative potential | No bioaccumulation. |
|---------------------------|---------------------|

1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-C8-18(even numbered) acyl derivs., hydroxides, inner salts (61789-40-0; 97862-59-4)

| | |
|---|-----|
| Bioconcentration factor (BCF REACH) | 71 |
| Partition coefficient n-octanol/water (Log Kow) | 4.2 |

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

CITROL

| |
|--|
| This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII |
| This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |

Component

| | |
|--|---|
| Alcohols, ethoxylated, sulfates, sodium salts (68891-38-3) | This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII |
|--|---|

12.6. Other adverse effects

Additional information : Avoid release to the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Waste / unused products : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

| ADR | IMDG | IATA |
|------------------------|---------------|---------------|
| 14.1. UN number | | |
| Not regulated | Not regulated | Not regulated |

2WORK WASHING UP LIQUID LEMON

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

14.2. UN proper shipping name

Not regulated

Not regulated

Not regulated

14.3. Transport hazard class(es)

Not regulated

Not regulated

Not regulated

14.4. Packing group

Not regulated

Not regulated

Not regulated

14.5. Environmental hazards

Not regulated

Not regulated

Not regulated

No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 0 g/l

Allergenic fragrances > 0,01%:

D-LIMONENE
BENZYL SALICYLATE
LINALOOL
CITRAL
AMYL CINNAMAL

Detergent Regulation (648/2004/EC): Labelling of contents:

| Component | % |
|------------------------|--------|
| anionic surfactants | 15-30% |
| amphoteric surfactants | <5% |
| BENZISOTHIAZOLINONE | |
| perfumes | |
| BENZYL SALICYLATE | |
| LINALOOL | |

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

2WORK WASHING UP LIQUID LEMON

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 16: Other information

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

| | |
|---------------------|--|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4 |
| Aquatic Acute 1 | Hazardous to the aquatic environment — Acute Hazard, Category 1 |
| Aquatic Chronic 3 | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1 | Serious eye damage/eye irritation, Category 1 |
| Eye Irrit. 2 | Serious eye damage/eye irritation, Category 2 |
| Skin Irrit. 2 | Skin corrosion/irritation, Category 2 |
| Skin Sens. 1 | Skin sensitisation, Category 1 |
| H302 | Harmful if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H400 | Very toxic to aquatic life. |
| H412 | Harmful to aquatic life with long lasting effects. |
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one (BIT). May produce an allergic reaction. |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

| | | |
|---------------|------|--------------------|
| Skin Irrit. 2 | H315 | Calculation method |
| Eye Dam. 1 | H318 | Calculation method |

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.